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Reduction **TBP*** Protein Hcy-S-S-Cysteine (or other thiols) Hcy-S-S-Hcy Hcy-S-S

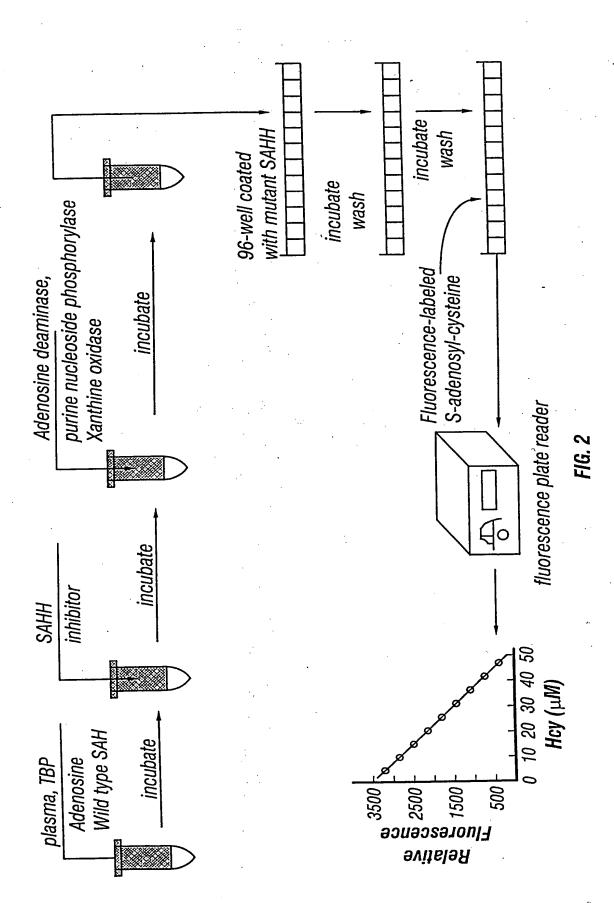
Hcy + Adenosine Wild Type SAH Hydrolase Enzymatic Conversion

Quantitation Competition Binding Assay of Total Hcy Fluorescence-labeled Tracer Mutant SAH hydrolase + (S-adenosyl-cysteine)

* tri-n-butylphosphine

FIG. 1

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Adenosyl-cysteine

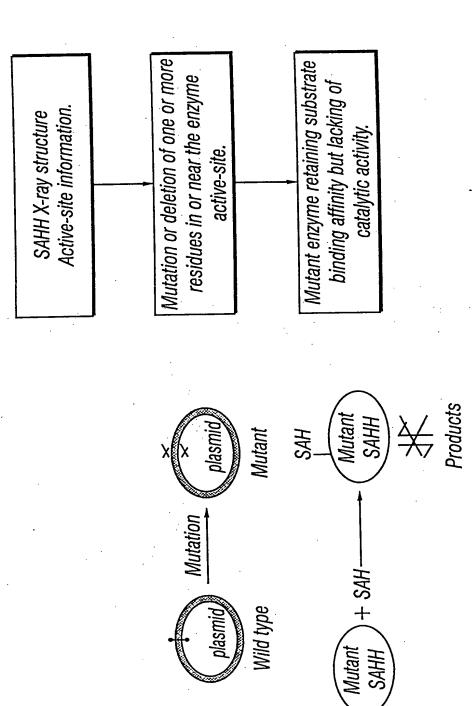
7-methoxycoumarin 4-Bromomethyl-

Fluorescence labelled adenosyl-cysteine

Ex=328, Em=359

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Title: METHODS AND COMPOSITIONS FOR ASSAYING First Inventor: Chong-Sheng YUAN

